

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT
APPLICATION (JOINT NON-PROVISIONAL)**

As a below named inventor, I hereby declare that: my residence, post office, and citizenship are as stated below next to my name; that I verily believe that I am an original, first and joint inventor of the invention entitled: Conversion of CO to CO₂, the specification for which is attached hereto, that I have reviewed and understand the contents of the above identified specification, including the claims; that I am not aware of any legal impediment which would prevent the granting of a valid patent on this application; I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a); and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows: - - -

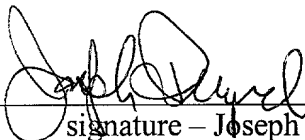
I (we) hereby claim the benefit under Title 35, United States Code, section 120, of any United States patent application listed:

I (we) hereby appoint: William L. Krayner (Registration No. 19542)
1771 Helen Drive
Pittsburgh PA 15216
412 343 3305 fax 412 343 5517

as my (our) attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please direct all correspondence to him at the above address, phone and fax numbers.

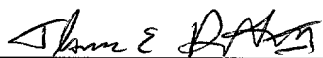
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

First inventor: **Joseph Pugach**


signature – Joseph Pugach

Citizenship: USA Nov 27, 2001 (date)
Residence and post office address:
1035 Eagles Nest Lane
Monroeville PA 15146

Second inventor: **Thomas E. Hewitt III**


signature – Thomas E. Hewitt III

Citizenship: USA Nov 27, 2001 (date)
Residence and post office address:
2249 Montgomery Road
Sewickley PA 15143